

Application No.: 10/753,719

Docket No.: JCLA12587

**In The Claims:**

1. (currently amended) A capsule endoscopy system, adapted to transform an image of a digestive tract into an image data and to transmit the data, comprising:

a capsule type endoscopy, having a first transceiver, wherein the capsule type endoscopy is adapted to catch the image of the digestive tract and to transform the image into the image data;

a data recorder, having a second transceiver, a third transceiver and a memory, the second and the third transceivers coupled to the memory; and

an image processor, wherein the first transceiver of the capsule type endoscopy transmits the image data to the second transceiver of the data recorder, which is stored in the memory and transmitted to the image processor by the third transceiver.

2. (original) The capsule endoscopy system of claim 1, wherein the transmission between the first and the second transceivers is continuous.

3. (original) The capsule endoscopy system of claim 1, further comprising a trigger, disposed in the data recorder or the image processor.

4. (original) The capsule endoscopy system of claim 3, wherein the image processor has a fourth transceiver, adapted to receive the image data transmitted from the third transceiver.

5. (original) The capsule endoscopy system of claim 4, wherein the transmission between the third and the fourth transceivers is triggered by the trigger.

Application No.: 10/753,719

Docket No.: JCLA12587

6. (original) The capsule endoscopy system of claim 1, further comprising a display coupled to the image processor for displaying the image of the digest tract.

7. (currently amended) A capsule endoscopy system, adapted to transform an image of a digestive tract into an image data and to transmit the data, comprising:

a capsule type endoscopy, having a first transceiver, wherein the capsule type endoscopy is adapted to catch the image of the digestive tract and to transform the image into the image data;

a data recorder, having a second transceiver, a third transceiver and a memory, the second and the third transceivers coupled to the memory;

a fourth transceiver; and

an image processor, wherein the first transceiver of the capsule type endoscopy transmits the image data to the second transceiver of the data recorder, which is stored in the memory and transmitted to the fourth transceiver and the image processor by the third transceiver.

8. (original) The capsule endoscopy system of claim 7, wherein the transmission between the first and the second transceivers is continuous.

9. (original) The capsule endoscopy system of claim 7, further comprising a trigger, disposed in the data recorder or the image processor.

10. (original) The capsule endoscopy system of claim 9, wherein the transmission between the third and the fourth transceivers is triggered by the trigger.

**Application No.: 10/753,719**

**Docket No.: JCLA12587**

11. (original) The capsule endoscopy system of claim 7, further comprising a display coupled to the image processor for displaying the image of the digest tract.

12. (new) The capsule endoscopic system of claim 1, wherein the image data is immediately transmitted to the image processor by the third transceiver.

13. (new) The capsule endoscopic system of claim 7, wherein the image data is immediately transmitted to the fourth transceiver by the third transceiver.